

FIG. 1A

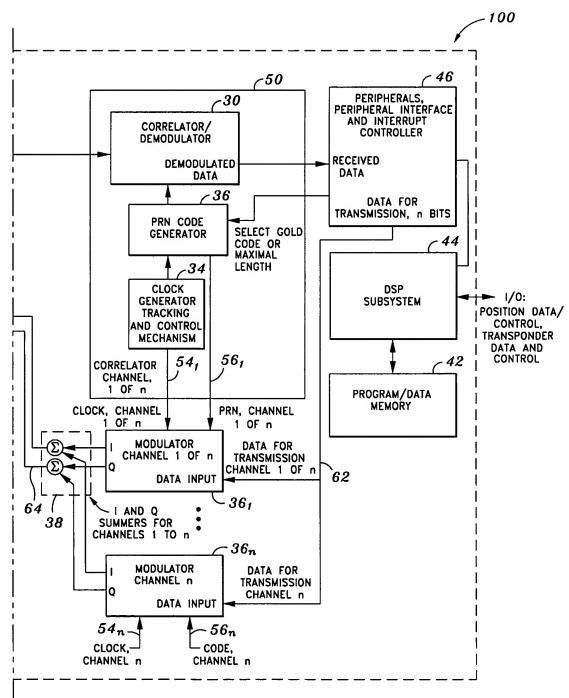


FIG. 1B

FIG. 2A1 GPS ANTENNA 22 52 GSP I/Q BASEBAND DOWNCONVERTER TRANSPONDER ANTENNA 10 SAMPLE CLOCK T/R SWITCH LO_I 68 66 70 28 LO_I/Q GPS RECEIVER/ TRANSPONDER TIME BASE PROGRAMMABLE FREQUENCY SYNTHESIZER AND CLOCK GENERATOR RF IC TCXO 64



100

FIG. 2A2

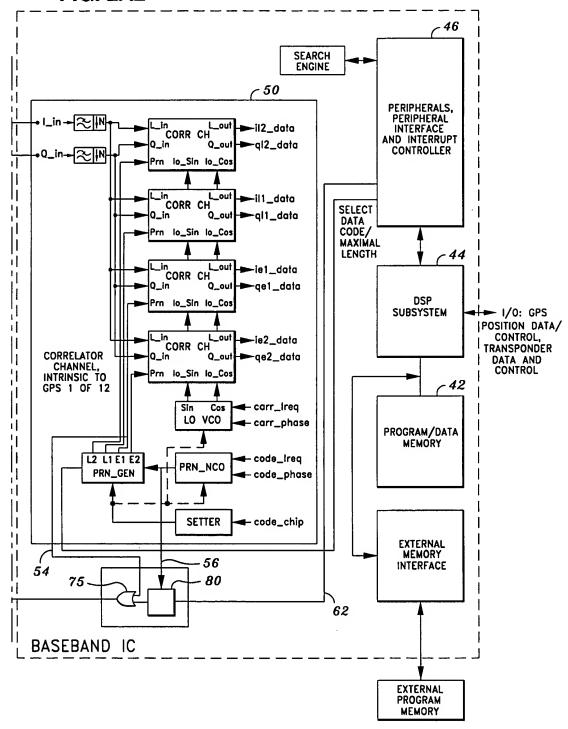
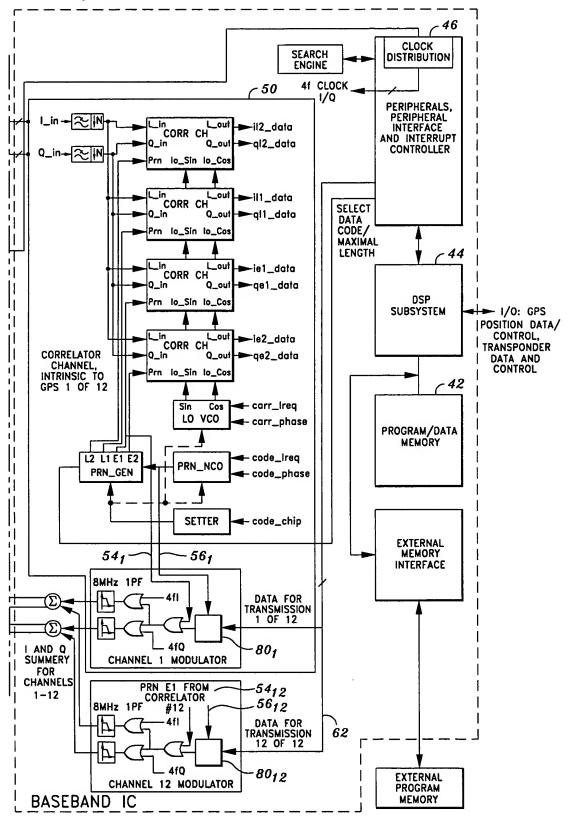


FIG. 2B1 GPS ANTENNA 22 52 GSP I/Q BASEBAND DOWNCONVERTER TRANSPONDER ANTENNA 110 14 SAMPLE | CLOCK/ MCLOCK **SWITCH** MULTI-CHANNEL CDMA SIGNAL Balun 68 66 SSB UP-CONVERT 26 28 LO_I LO_Q GPS RECEIVER/ TRANSPONDER TIME BASE SAMPLE CLOCK/MCLOCK PROGRAMMABLE FREQUENCY SYNTHESIZER AND CLOCK GENERATOR **TCXO** 100 FIG. 2B1 FIG. 2B2 FIG. 2B

FIG. 2B2



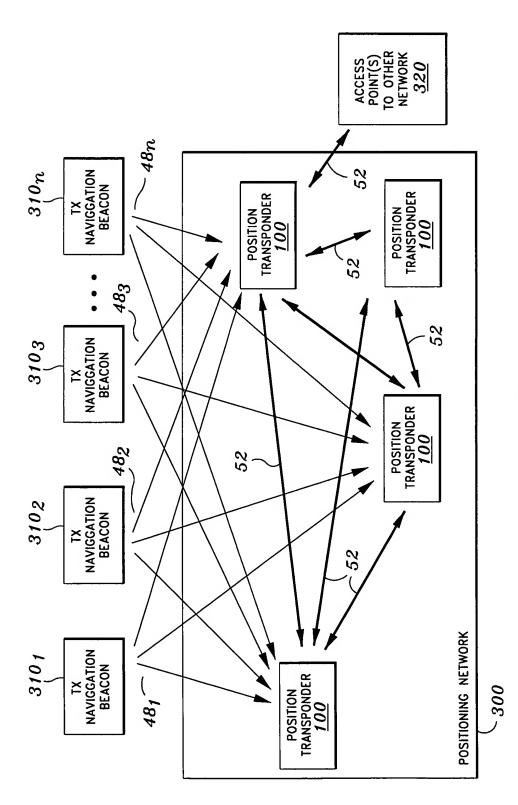


FIG. 3A

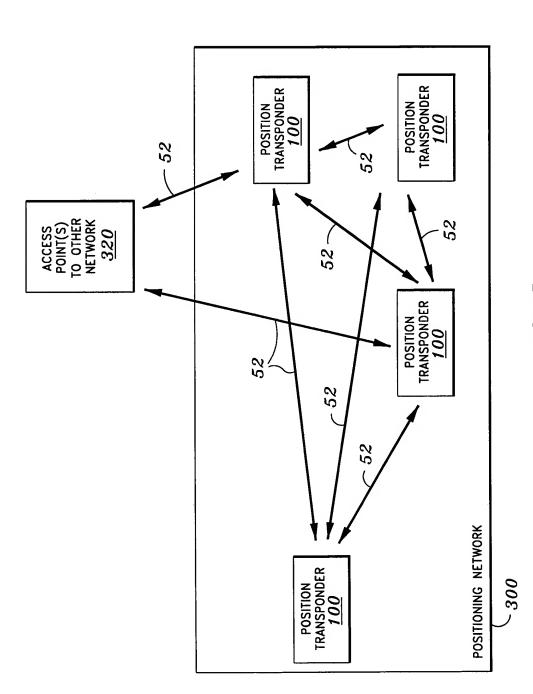


FIG. 3B

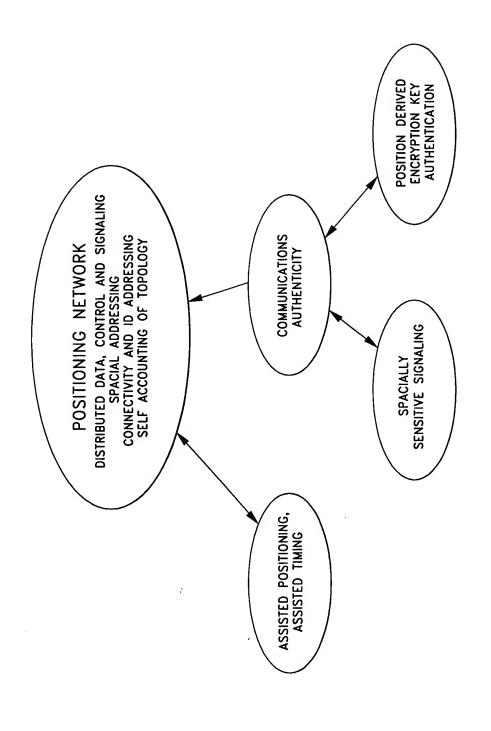


FIG. 4A

